25 October 1965

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report

- 1. On October 20, I visited for the main purpose of STATINTL inspecting the Panoramic Stereo Viewer.

  Project Engineer, was present during the inspection period.
- 2. The viewer has been greatly improved since the last complete inspection. Some of the most important changes are:
  - a. Glass drums have been substituted for the plastic ones originally on the instrument.
  - b. Hot spots in the illumination system have been eliminated.
  - c. The manual drive problems have been solved. It is now possible to move the film on the glass drum without slippage.
  - d. The noisy gears in the drive system have been replaced with fiber gears.
  - e. The head rest over the eyepieces has been modified so that it can be adjusted to various positions.
  - f. An adjustable mask has been added to the auxiliary light source to shield the portion of the fluorescent tube extending beyond the edge of the film when widths narrower than  $9\frac{1}{2}$  inches are used.
- 3. Delivery of the instrument will be made in approximately two weeks. A few minor items will need to be checked before shipment. These include the following:
  - a. Adjustment of several loose knobs.
  - b. Correcting an annoying noise in the drive for the left glass drum.
  - c. Repositioning the reticle in one of the eyepieces.

## **DECLASS REVIEW by NIMA/DOD**

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d. Adding a film loading diagram in a convenient location.

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Arrangements are being made to have the viewer delivered directly to instead of the warehouse.

STATINTL